LFSLFS

STELLAR SURGICAL LIGHT AND FLATSCREEN SUPPORT ARM SYSTEM

LFSLFS Flat screen support arm systems are designed to provide both optimum viewing flexibility when required and facility of storage when not in use. Long reach coupled with superior 345 degree rotation insure that users are able to position the flat screens exactly where needed.

The LFSLFS support arm systems provide 45.5 inches of vertical travel to accommodate the most challenging positioning requirements.

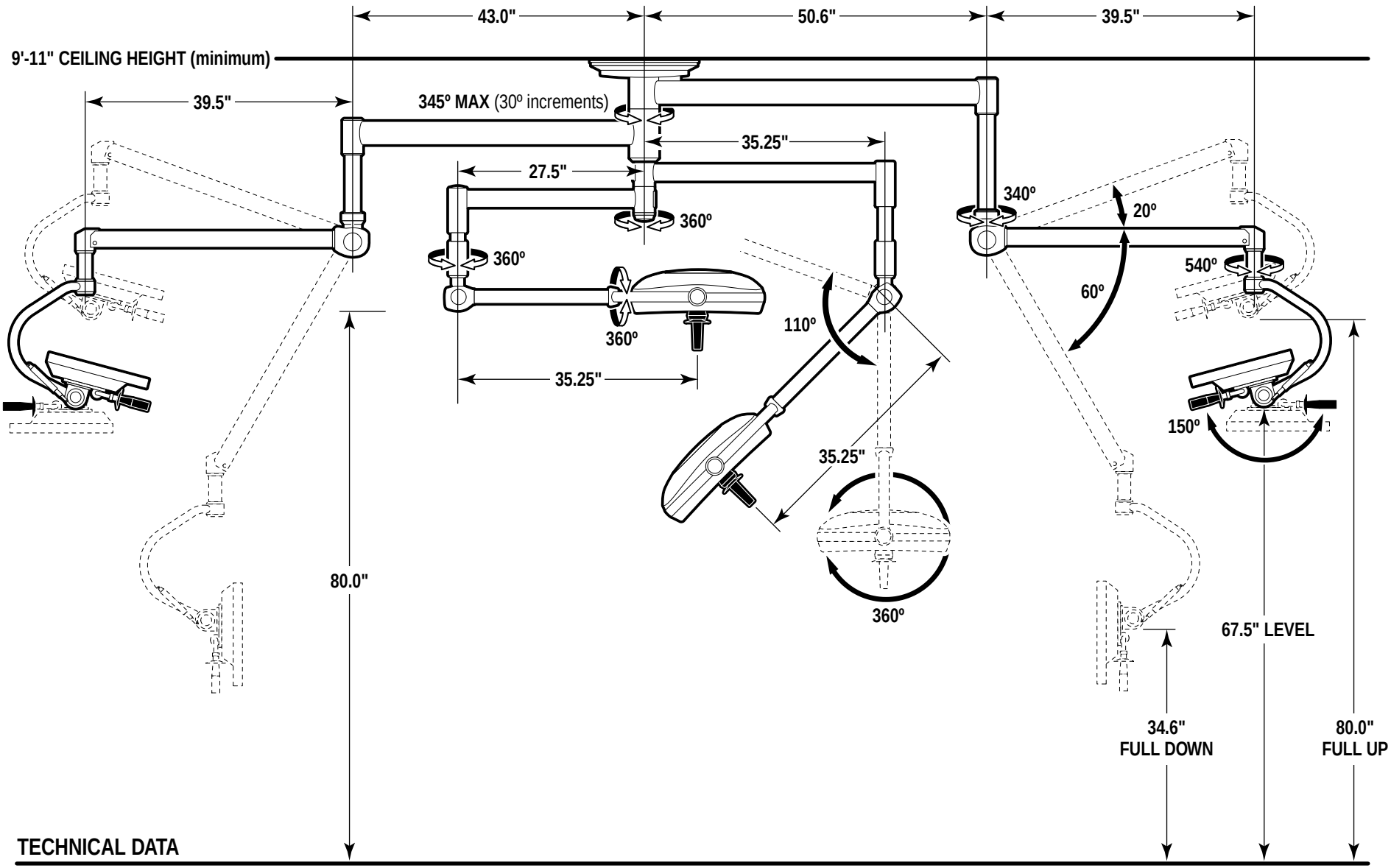
When not in use, the system provides 80 inches of headroom clearance.

Built to accommodate up to a 22 pound flat screen and equipped with 540 degrees of rotation and 150 degrees of tilt, the bracket is easily manipulated with two conveniently located sterilizable handles.

The LFSLFS support arm systems can be combined with Skytron Stellar OR light fixtures.

Flat Screens Supplied by Others.

REV 11/04



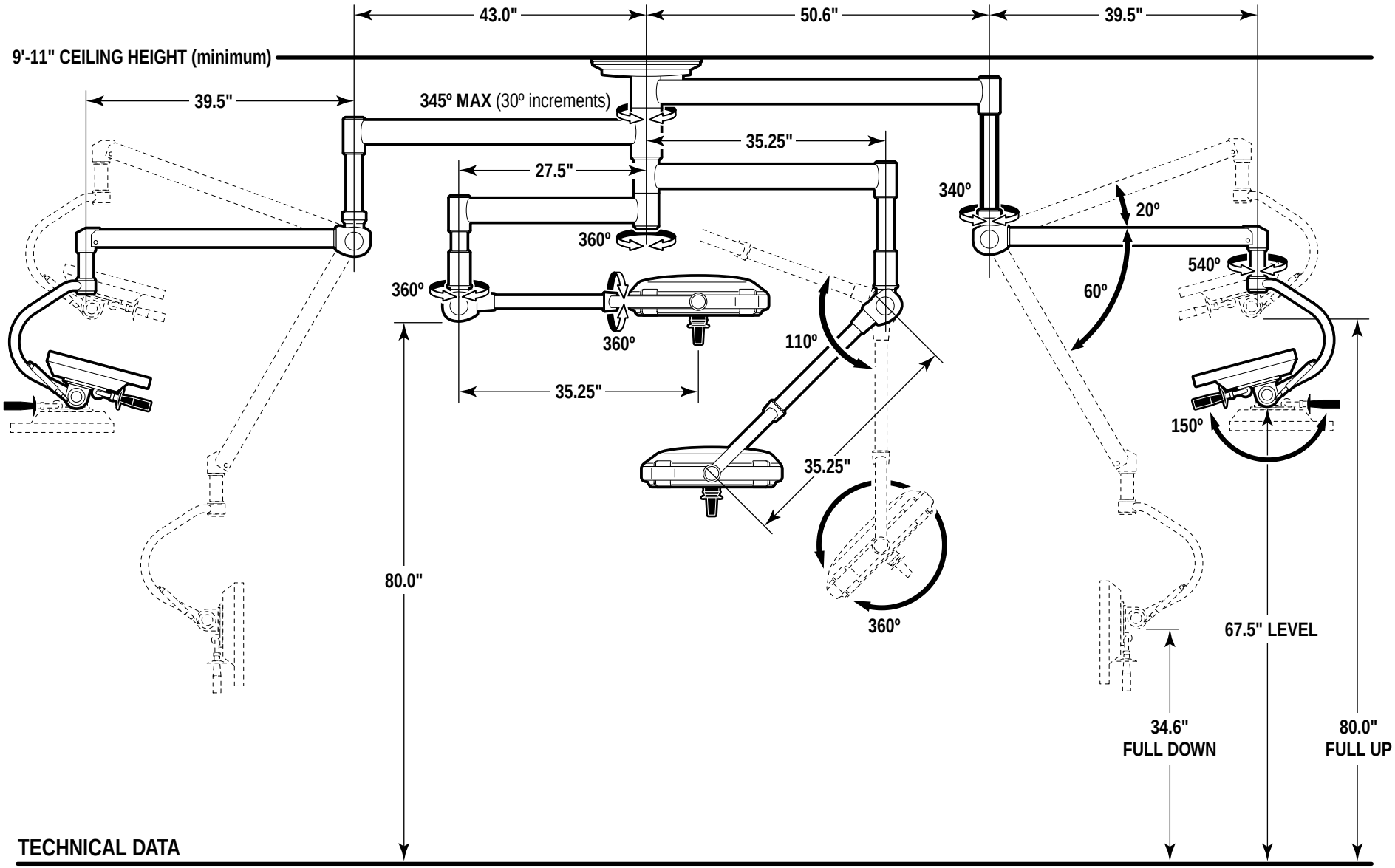
TECHNICAL DATA

- **Electrical:** 120v, 60 Hz, 1 phase
- **Power Consumption:** 300watts (1,020 BTU/hr)
- **Amperage:** 2.1 amps, fuse protected (approximate)
- **Intensity:** 193,600 lux **(**18,000 fc)
- **Fixture Weight:** 350 lbs.
- **Moment Load:** 1,190 ft. lbs.

9'-11" CEILING HEIGHT (minimum)

LFSLFSST1919WC

07LFSLFSst1919.083004



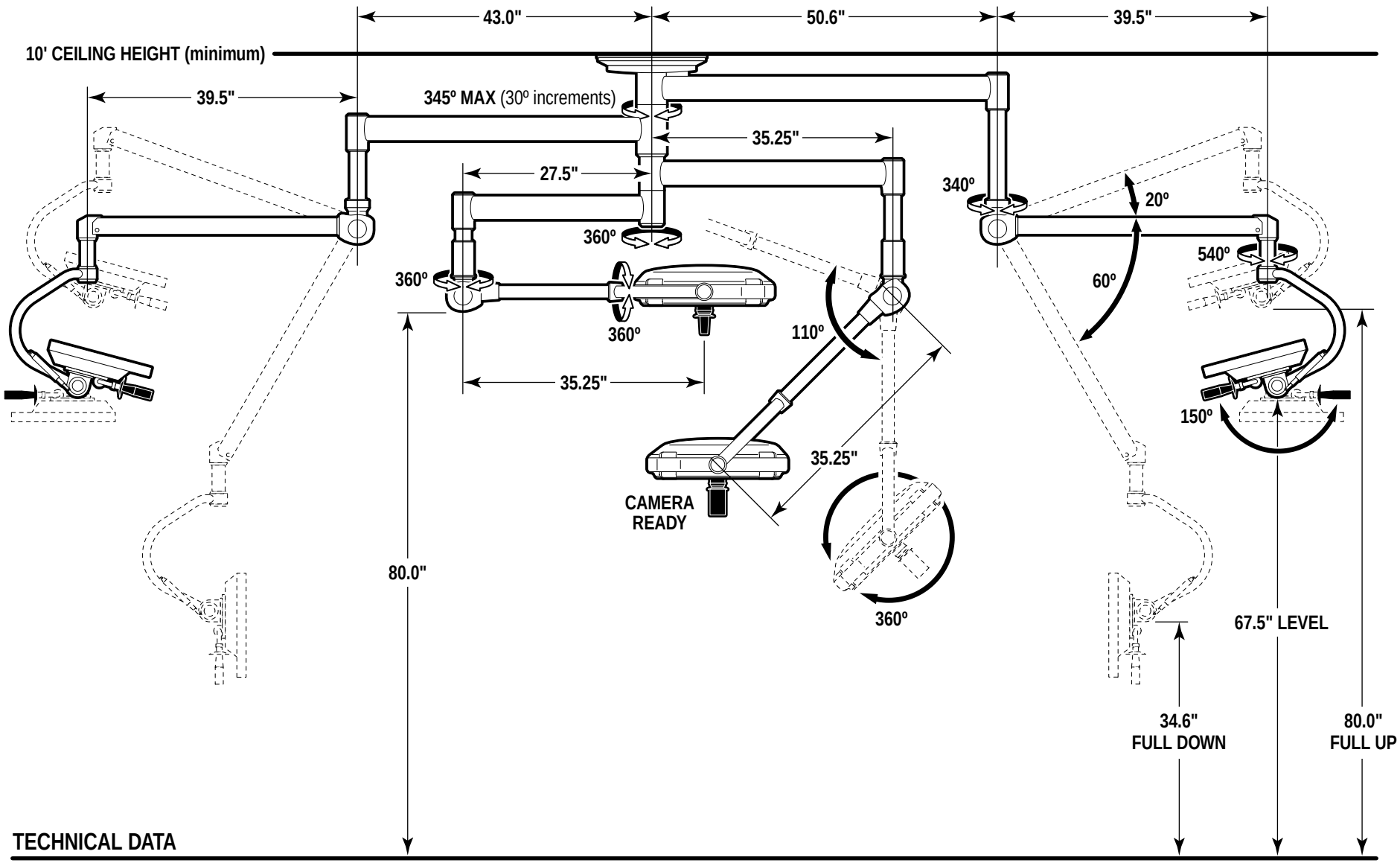
TECHNICAL DATA

- **Electrical:** 120v, 60 Hz, 1 phase
- **Power Consumption:** 500watts (1,700 BTU/hr)
- **Amperage:** 5.0 amps, fuse protected (approximate)
- **Intensity:** 260,000 lux **(**24,000 fc)
- **Fixture Weight:** 410 lbs.
- **Moment Load:** 1,395 ft. lbs.

9'-11" CEILING HEIGHT (minimum)

LFSLFSST2323

01LFSLFSst2323.012704



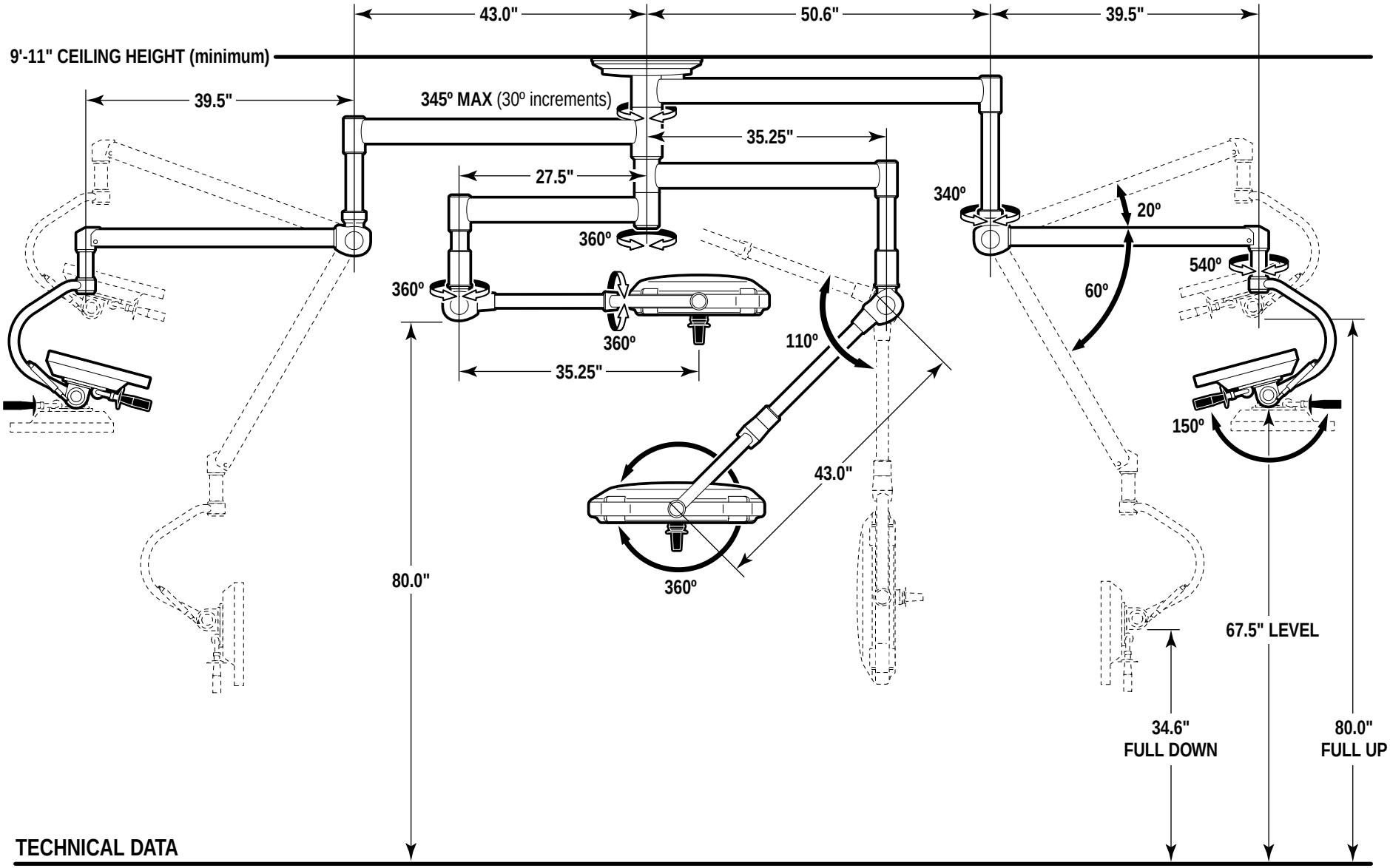
TECHNICAL DATA

- **Electrical:** 120v, 60 Hz, 1 phase
- **Power Consumption:** 500watts (1,700 BTU/hr)
- **Amperage:** 5.0 amps, fuse protected (approximate)
- **Intensity:** 260,000 lux **(**24,000 fc)
- **Fixture Weight:** 420 lbs.
- **Moment Load:** 1,435 ft. lbs.

10' CEILING HEIGHT (minimum)

LFSLFSST23TV23

03LFSLFSst23TV23.012704



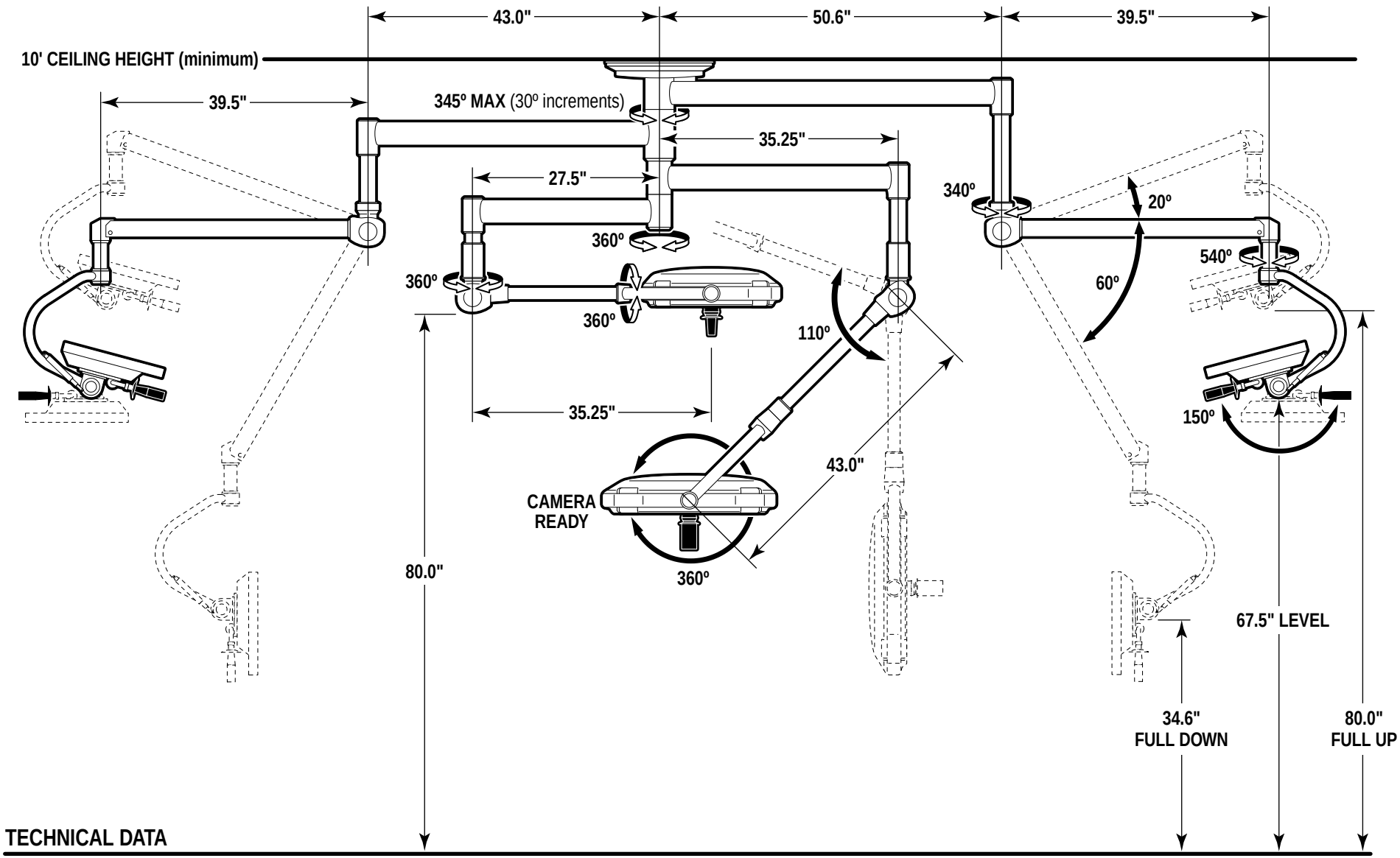
TECHNICAL DATA

- **Electrical:** 120v, 60 Hz, 1 phase
- **Power Consumption:** 600watts (2,040 BTU/hr)
- **Amperage:** 6.0 amps, fuse protected (approximate)
- **Intensity:** 290,000 lux **(**27,000 fc)
- **Fixture Weight:** 435 lbs.
- **Moment Load:** 1,565 ft. lbs.

9'-11" CEILING HEIGHT (minimum)

LFSLFSST2923

02LFSLFSst2923.012704



TECHNICAL DATA

- **Electrical:** 120v, 60 Hz, 1 phase
- **Power Consumption:** 600watts (2,040BTU/hr)
- **Amperage:** 6.0 amps, fuse protected (approximate)
- **Intensity:** 290,000 lux **(**27,000 fc)
- **Fixture Weight:** 440 lbs.
- **Moment Load:** 1,605 ft. lbs.

10' CEILING HEIGHT (minimum)

LFSLFSST29TV23

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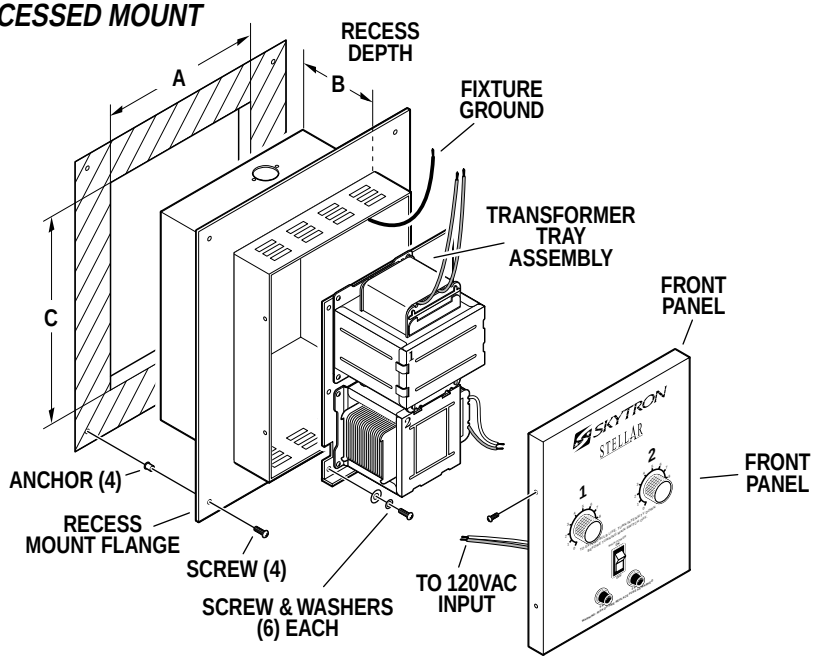
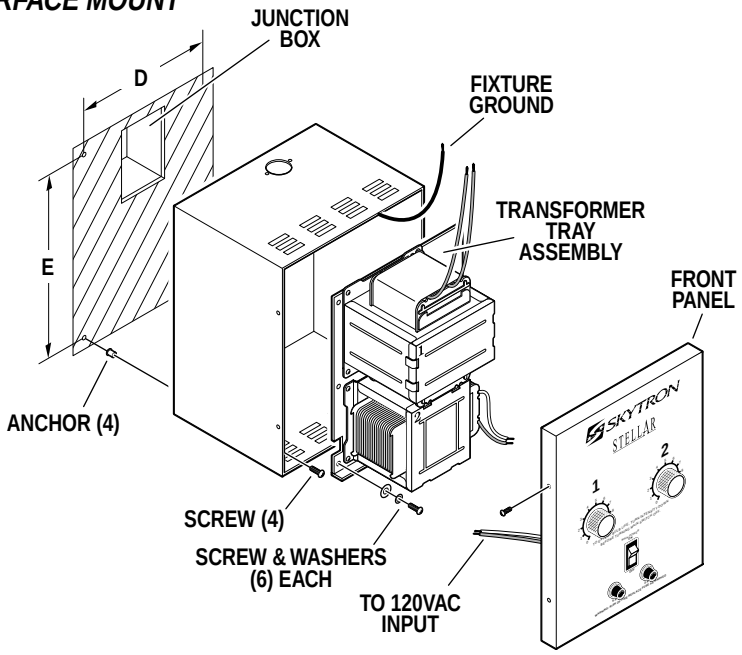
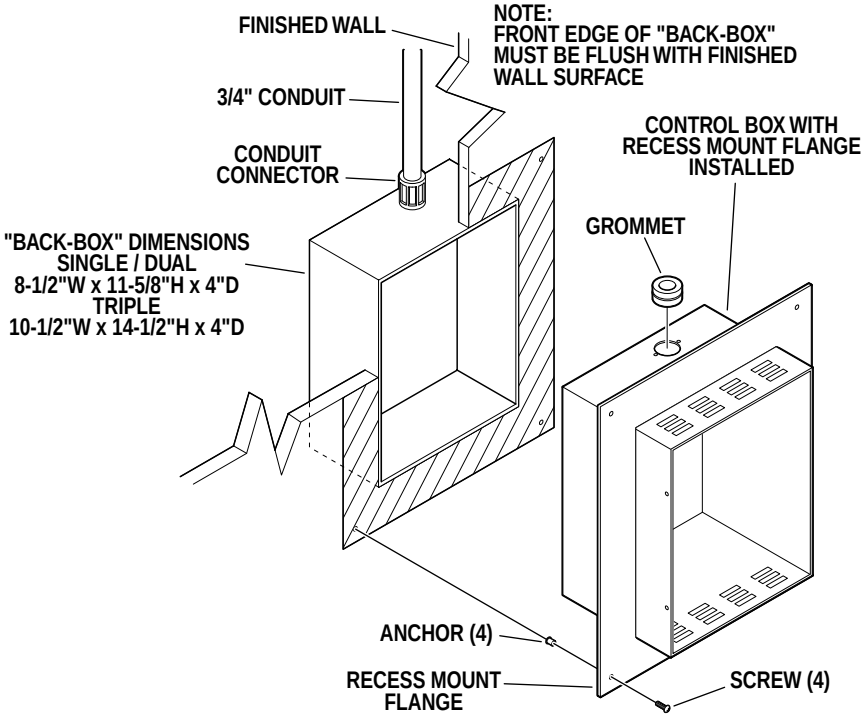
RECESSED MOUNT



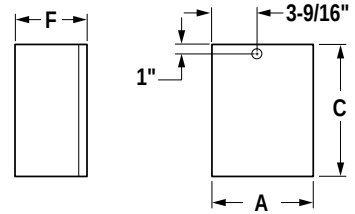
SURFACE MOUNT





OPTIONAL BACK-BOX INSTALLATION

	DIMENSIONS	
	SINGLE OR DUAL	TRIPLE
A	8"	10"
B	4"	4"
C	10"	13-1/2"
D	6-7/8"	8-5/8"
E	7-5/8"	11"
F	5-7/8"	6-3/8"
	RECESS MOUNT FLANGE	
	11-3/4"W x 14"H	13-3/4"W x 17-1/4"H



SIDE VIEW

BACK VIEW

STELLAR WALL CONTROL

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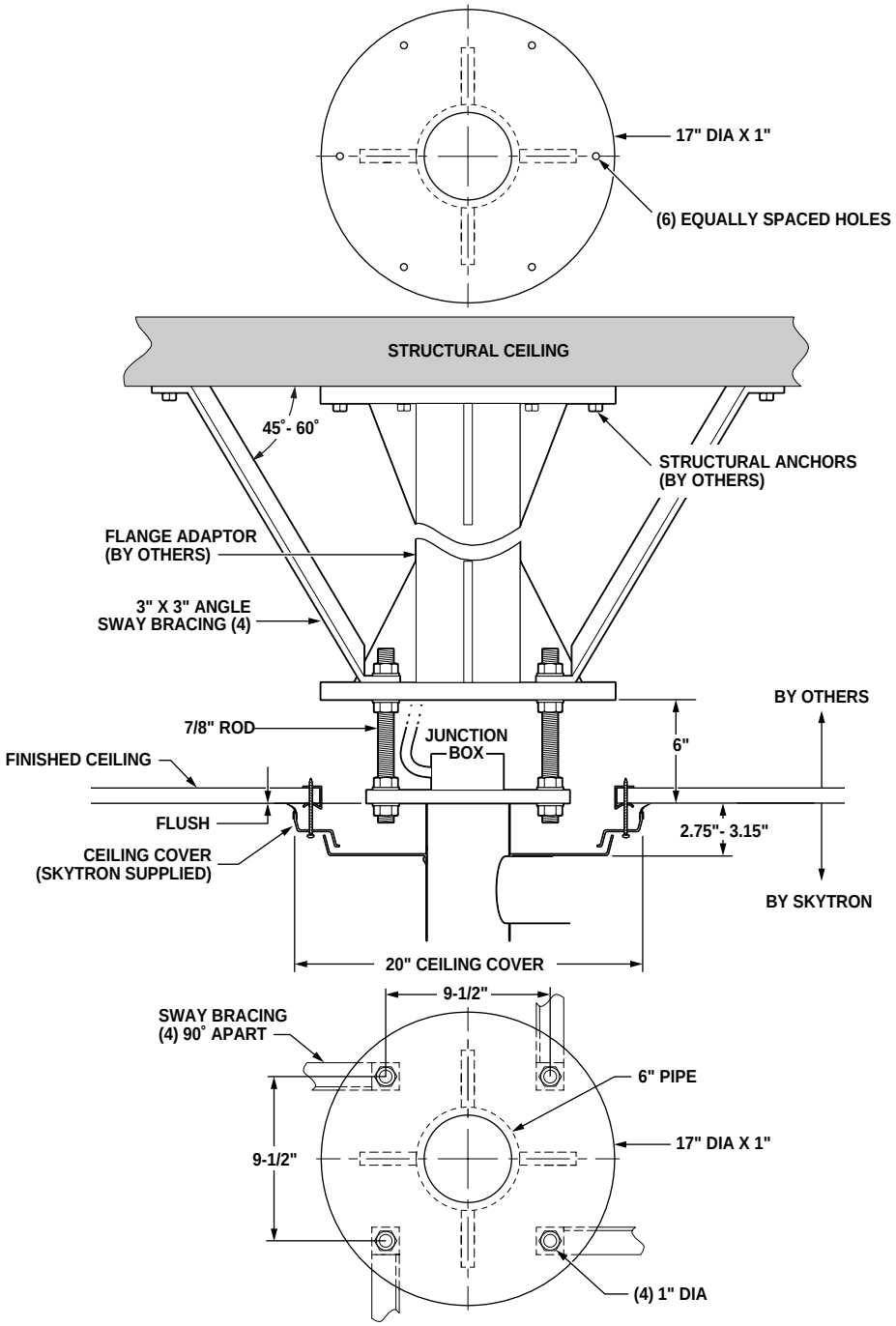

NOTES

1. 7/8" support rods located for total support of light, all labor and materials for fabrication supplied by General Contractor. 7/8" nuts and washers for support of SKYTRON fixture supplied by contractor 16 ea. required).

2. The mounting structure must be attached to structural ceiling and **BRACED TO ALLOW NO TWISTING OR LATERAL MOTION** and shall be designed not to provide a degree of rotation greater than two-tenths of a degree at the mounting plate or the fixture mounting hub.

3. All 4 arm fixture installations require the mounting structure to be tested and comply with SKYTRON test jig requirements.

4. 120VAC 20A power supply required to junction box for monitor. Power cord with IEC female plug for monitor, supplied by SKYTRON. 3/4" conduit and minimum 12AWG wire size (2 wires per lighthead plus fixture ground wire) required between fixture and SKYTRON supplied wall control. All conduit, wiring, and other electrical materials as well as installation labor for the SKYTRON surgical light to be provided by Electrical Contractor. All installations of SKYTRON surgical lights should be under the direct supervision of a SKYTRON representative. All wiring to be in accordance with local codes. Installation requiring power modules for flatscreen application require a NEMA 4 enclosure provided by others.

5. Video cable for monitor routed through arm at installation to be provided by customer. Approximately 15 feet of cable is required from mounting hub to monitor.

6. TV light systems require 50 feet RG59U coaxial cable from junction box to camera control unit faceplate, supplied by SKYTRON.

7. CONTRACTOR HAS FINAL RESPONSIBILITY for the strength and stability of the Mounting Structure.

This is a GENERAL GUIDELINE ONLY.

Consult specific Seismic calculations if applicable.

LFSLFS MOUNTING STRUCTURE GUIDELINE

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